

U.S. Appl. No. 09/695,152
Reply to Office Action dated October 5, 2005

PATENT
450100-02779

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) A projection display apparatus connected to a control device as a host through a serial interface, in which data is transmitted/received bi-directionally to display a picture on a display screen, said apparatus comprising:
 - display means for receiving display data from said control device and projecting a picture represented by said display data onto said display screen;
 - input/output means connected to the control device and adapted for generating display control signals controlling said display means, said input/output means being further connectable to at least one external peripheral equipment to input/output data pertaining to supplementary identification information appended to input data; and
 - display control means for controlling a picture projected by said display means based on a display control signal input through said input/output means, wherein said display control means controls a picture projected by said display means based on said display control signal generated and output from said control device corresponding to said supplementary identification information appended to input data input through said input/output means to identify said projection apparatus.

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2. (Previously Presented) The projection display apparatus according to claim 1 wherein said input/output means is connected to the control device having an interface conforming to the USB standard and to an external peripheral equipment having an interface conforming to the USB standard.

3. (Previously Presented) The projection display apparatus according to claim 1 wherein an operating input device for generating an operating input signal as an external peripheral equipment is connected to said input/output means and wherein said display control means controls a picture projected by said display means in accordance with a pointer control signal from the control device based on the operating input signal generated in said operating input device.

4. (Previously Presented) The projection display apparatus according to claim 1 wherein a second projection display apparatus is connected as an external peripheral device to said input/output means, identification information of said second projection display apparatus is supplied to said control device and wherein said display means displays adjustment items of said second display apparatus on said display screen and said input/output means outputs display data and display control signals corresponding to adjusted value of said adjustment items to said second projection display apparatus.

5. (Previously Presented) A projection display system in which a control device as a host and a projection display apparatus as a target controlled by said control device are interconnected over a serial interface, and in which data transmission/reception is made

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bi-directionally at least between said control device and said projection display apparatus to project a picture by said projection display apparatus on a display screen, wherein

said projection display apparatus includes display means for receiving display data from said control device and projecting a picture represented by said display data onto said display screen, input/output means connected to the control device adapted for generating display control signals controlling said display means, said input/output means being further connectable to at least one external peripheral equipment to input/output data pertaining to supplementary identification information appended to input data, and

display control means for controlling a picture projected by said display means based on a display control signal input through said input/output means,

wherein said control device includes input/output means connected to the projection display apparatus and control means for outputting display control signals and display data to the projection display apparatus and to said external peripheral equipment connected to said projection display apparatus to cause the projection display apparatus to project a picture on the display screen; and

wherein said display control means controls a picture projected by said display means based on said display control signal generated and output from said control device corresponding to said supplementary identification information appended to input data input through said input/output means to identify said projection apparatus.

6. (Previously Presented) The projection display system according to claim 5 wherein the input/output means of the projection display apparatus is connected to an external

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peripheral equipment having an interface conforming to the USB standard, and wherein the input/output means of the control device is an interface pursuant to the USB standard.

7. (Previously Presented) The projection display system according to claim 5 wherein there is provided an operating input device connected as an external peripheral device to said input/output means of said projection display apparatus to generate an operating input signal, and wherein said display control means controls a picture projected by said display means on said display screen, in accordance with a pointer control signal from said control device which is based on the operating input signal generated in said operating input device.

8. (Previously Presented) The projection display system according to claim 5 wherein said projection display apparatus is a first projection display apparatus, and a second projection display apparatus is connected as an external peripheral device to said input/output means of said first projection display apparatus, identification information of said second projection display apparatus is supplied to said control device and wherein said display means displays adjustment items of said second display apparatus on said display screen and the input/output means of said first projection display apparatus outputs display data and the display control signal from the control device corresponding to adjusted value of said adjustment items to said second projection display apparatus.

9. (Previously Presented) The projection display system according to claim 7 wherein said control device includes operating input means adapted for being actuated to generate said operating input signal, said control means switching the application program

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generating the display data based on the operating input signal from said operating input means or the operating input device connected to the projection display apparatus.

10. (Previously Presented) The projection display apparatus according to claim 1, further comprising receiving means for receiving a remote control signal from a remote control device and providing a detection signal in response thereto, wherein said display control means outputs a pointer control signal to said display means to shift a pointer included in said picture projected by said display means responsive to said detection signal from said receiving means.

11. (Previously Presented) The projection display system according to claim 5, wherein said projection display apparatus further comprises receiving means for receiving a remote control signal from a remote control device and providing a detection signal in response thereto, and said display control means outputs a pointer control signal to said display means to shift a pointer included in said picture projected by said display means responsive to said detection signal from said receiving means.

12. (Previously Presented) The projection display apparatus according to claim 1 wherein said control device outputs said display data invalidating at least one of a number of adjustment items which cannot be set according to said identification information, and said display means displays the adjustment item(s) of said projection apparatus supplied from said control device.

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13. (Previously Presented) The projection display system according to claim 5 wherein said control device outputs said display data invalidating at least one of a number of adjustment items which cannot be set according to said identification information, and said display means displays the adjustment item(s) of said projection apparatus supplied from said control device.